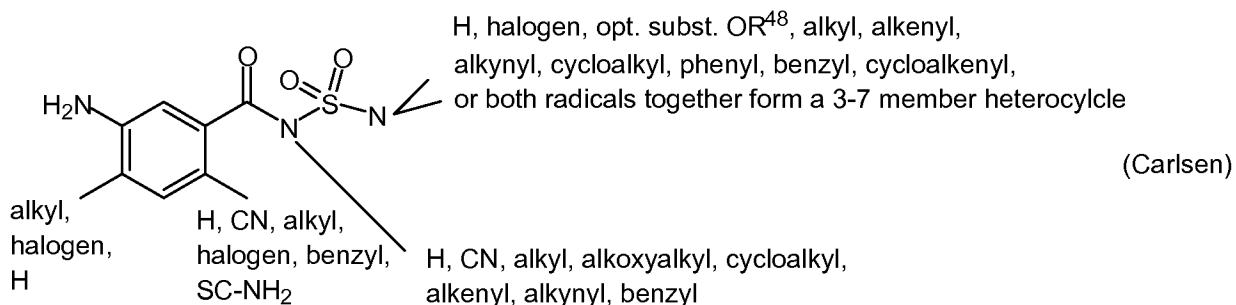
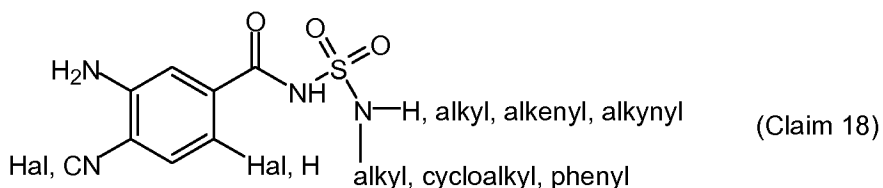


REMARKS

Claims 1-21 currently are pending, however claims 1-17 and 19 have been withdrawn by the Office after making final the Restriction Requirement. The claims are indicated to be withdrawn in the listing of claims attached hereto.

Claim 18 is rejected as anticipated by Carlsen et al., WO 01/83459 (hereinafter "Carlsen"). Claim 18 is directed to aminobenzoylsulfamic acid amides of the formula indicated below (labeled "Claim 18"), while in the context of the preparation of substituted phenylsulfamoyl carboxamides, Carlsen discloses, inter alia, aniline intermediates (see formula below labeled "Carlsen"). Carlsen, page 37, lines 5-10.



Other than this disclosure, Carlsen does not mention any further more detailed compounds which fall within the very broad generic formula above. Furthermore, Carlsen does not contain any specific example of compounds having this type of structure.

Claim 18 presented here is directed to very specific aminobenzoylsulfamic acid amides as shown above. These compounds have the following characteristic substitution pattern on the phenyl ring:

hydrogen or halogen in the ortho position with regard to the sulfamide side chain,

CN or halogen in the para position with regard to the sulfamide side chain,

a secondary amino group in alpha-position to the carbonyl group at the side chain, and

a secondary or tertiary amino group at the very end of the side chain, which can be substituted only with alkyl, alkenyl, alkynyl, cycloalkyl or phenyl.

The specific combination of substituents in claim 18 cannot be derived from Carlsen, especially since Carlsen does not mention any specific examples for compounds having this particular chemical structure. Thus, this very specific selection of compounds claimed here are not taught by the disclosures of Carlsen and therefore is novel over Carlsen. Applicant therefore requests withdrawal of the rejection of the claims as anticipated by Carlsen.

Claims 20-21 are rejected as obvious over Carlsen. Applicant has discussed above the failure of Carlsen to disclose the particular structures of the present claims and incorporates this discussion here as well. In Carlsen, the inventors react a

carboxylic acid with a sulfamic acid amide, then further react to produce a nitro-compound, and then reduce to produce the amine. The invention here, however, uses an acid halide or ester rather than a carboxylic acid, and begins with a 3-nitro aromatic compound. This compound is reacted to form a nitro benzoylsulfamic acid amide, which then is reduced to the amine. Carlsen does not teach or suggest that the synthetic process could or should begin with a nitro compound or that the reaction can proceed efficiently using an acid halide or ester 3-nitro reactant. The Office asserts that the Carlsen process uses "analogous reactants." The order in which the reaction steps are performed also is different, however, and would not have been suggested to the skilled artisan from the disclosures of Carlsen, which presents no alternatives and no discussion which would guide the reader to another method.

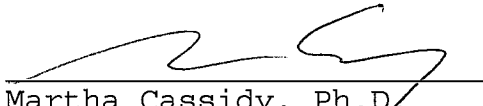
Applicant therefore submits that the present method is not obvious from the fair teachings and suggestions of Carlsen, given that nothing in the reference points or guides the skilled artisan to reverse reaction steps and to use different reactants.

Claim 20 has been amended herein to remove a period in the claim and to change "Where" to "where". No new matter is added. Applicant also has added new claim 22, to claim specific embodiments encompassed by claim 18. No new matter is added by this claim. As discussed above, and like claim 18, the specific structures of this claim are not anticipated by the broad, generic disclosures of Carlsen and are not obvious over these disclosures.

Applicant requests reconsideration of the application as amended and allowance of the claims presented herein.

Respectfully submitted,

By:


Martha Cassidy, Ph.D.
Attorney for Applicant
Registration No. 44,066
ROTHWELL, FIGG, ERNST & MANBECK
1425 K. Street, Suite 800
Washington, D.C. 20005
Telephone: (202) 783-6040

1596354